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MINERAL FEEDER

... for sheep

COOPERATIVE FARM BUILDING

Plan No. 5916

(1-SHEET)

PLAN EXCHANGE

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DEPARTMENT OF AGRICULTURE

One of these mineral feeders will serve 50 to 100 head of ewes.

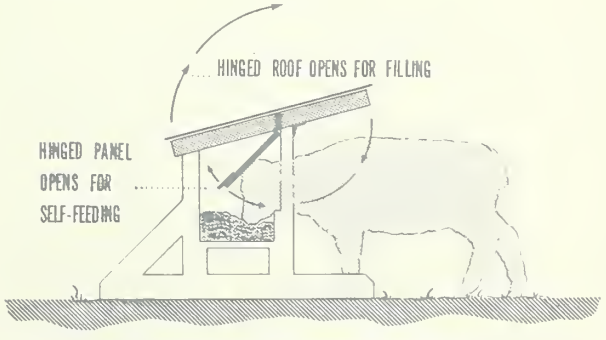
Desirable features of the feeder are: (1) A weather-tight hinged top, (2) a hinged front to be pushed open by the sheep, and (3) a removable bottom board which can be easily cleaned and used on both sides. The hinged front prevents contamination from playful lambs that may try to climb into the feeder, from weather, and from the droppings of birds or small animals.

The locality and rations on which the sheep are carried will determine to some extent the mineral to be used. Addition of magnesium carbonate helps to keep the salt from caking; di-calcium phosphate may be of value in the mixture. To prevent copper poisoning, caution should be used in supplying copper sulfate in areas where the copper supply is normally high.

A large-scale working drawing may be obtained through your county agent or from the Extension agricultural engineer at most State agricultural colleges. There is usually a small charge.

ORDER PLAN NO. 5916, MINERAL FEEDER FOR SHEEP

If the large-scale drawing is not available in your State, write to the U.S. Department of Agriculture, Agricultural Engineering Research Division, Plant Industry Station, Beltsville, Maryland. The U.S. Department of Agriculture does not distribute drawings, but will direct you to a State that does distribute them.



DIAGRAMMATIC SECTION

Developed by:
AGRICULTURAL ENGINEERING RESEARCH DIVISION ANIMAL HUSBANDRY RESEARCH DIVISION
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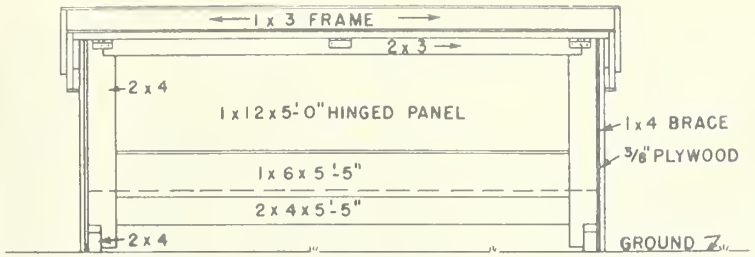
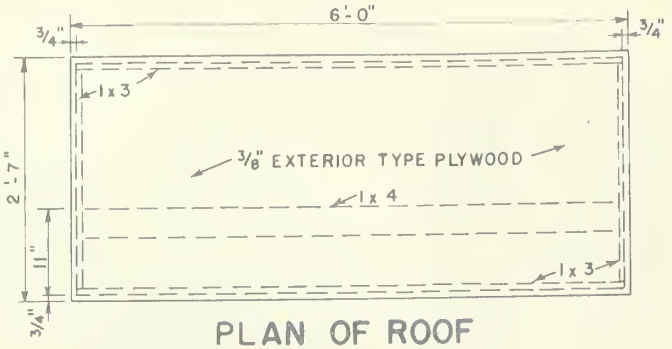
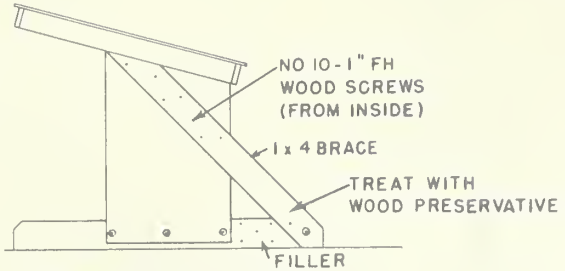


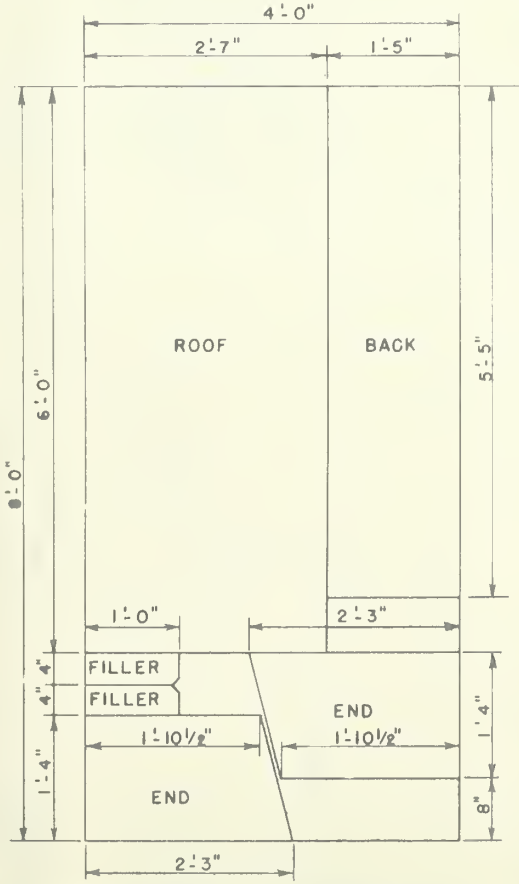
FRONT ELEVATION



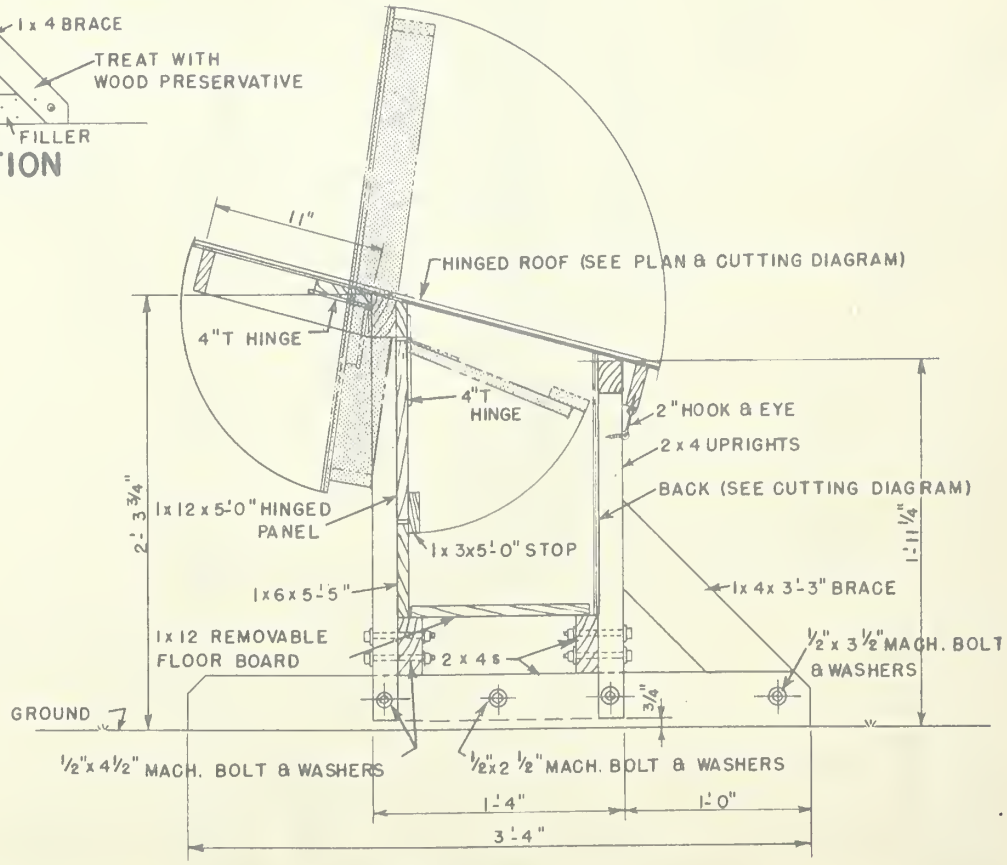
PLAN OF ROOF



END ELEVATION



CUTTING DIAGRAM
(3/8" EXTERIOR TYPE PLYWOOD)


11"
HINGED ROOF (SEE PLAN & CUTTING DIAGRAM)
4" T HINGE
4" T HINGE
2" HOOK & EYE
2 x 4 UPRIGHTS
BACK (SEE CUTTING DIAGRAM)
2'-3 3/4"
1 x 12 x 5'-0" HINGED PANEL
1 x 3 x 5'-0" STOP
1'-11 1/4"
1 x 6 x 5'-5"
1 x 4 x 3'-3" BRACE
1 x 12 REMOVABLE FLOOR BOARD
2 x 4 s
1/2" x 3 1/2" MACH. BOLT & WASHERS
GROUND
3/4"
1/2" x 4 1/2" MACH. BOLT & WASHERS
1/2" x 2 1/2" MACH. BOLT & WASHERS
1'-4"
1'-0"
3'-4"

SECTION